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U.S. Patent Application Serial No. 10/790,206
Response filed August 3, 2007
Reply to OA dated May 4, 2007

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A signal reproducing apparatus for placing, by a user, a recording medium therein and reproducing a signal and management information of the signal which are recorded on the medium, the signal reproducing apparatus comprising: one or more manipulation buttons[[]];

storing means for storing a plurality of pieces of function information indicating a function to be performed when the one or more manipulation buttons are manipulated[[]];

function specifying means for, with the recording medium placed therein, specifying function information in conformity with function-specifying information included in management information recorded on the recording medium from among a plurality of pieces of the function information stored in the storing means with respect to each manipulation button[[]]; and

means for activating an operation in conformity with the specified function information with respect to one of the one or more manipulation buttons when said manipulation button is manipulated with the recording medium placed therein; wherein

said recording medium is a DVD having data thereon.

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Claim 2 (Original): A signal reproducing apparatus according to claim 1 wherein the function-specifying information comprises a plurality of parameters, and the function specifying means specifies function information based on the plurality of parameters.

Claim 3 (Currently Amended): A signal reproducing apparatus according to claim 1 wherein the management information includes an operational parameter and program for activating a predetermined operation based on a value of the operational parameter, the signal reproducing apparatus comprising:

parameter storing means for storing the operational parameter[[.]]; and

storage processing means for storing, in the storing means, the operational parameter included in the management information recorded on the recording medium with the recording medium placed therein[[.]];

wherein the means for activating operation activates an operation for rewriting the operational parameter stored in the storing means when one manipulation button is manipulated, and the program included in the management information activates a predetermined operation in accordance with a value of the operational parameter stored in the storing means.

Claim 4 (Original): A signal reproducing apparatus according to claim 1 wherein the reproducing apparatus comprises an information display and display controlling means for showing on the information display a function indicated by function information when the function

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information is specified by the function specifying means.

Claim 5 (New): A signal reproducing apparatus for placing therein, by a user, a DVD having a plurality of titles recorded thereon and reproducing a signal included in each of the titles and management information of the signal which are recorded on the DVD, the signal reproducing apparatus comprising:

one or more manipulation button;

storing means for storing a plurality of pieces of function information indicating a function to be performed when the one or more manipulation buttons are manipulated;

function specifying means for, with the DVD placed therein, specifying function information in conformity with function-specifying information included in management information recorded on the DVD for each of the titles from among a plurality of pieces of the function information stored in the storing means with respect to each manipulation button; and

means for activating, for each of the titles, an operation in conformity with the specified function information with respect to one of the one or more manipulation buttons when said manipulation button is manipulated with the DVD placed therein.

Claim 6 (New): A signal reproducing apparatus according to claim 5 wherein the function-specifying information comprises a plurality of parameters, and the function specifying means specifies function information based on the plurality of parameters.

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Claim 7 (New): A signal reproducing apparatus according to claim 5 wherein the management information includes an operational parameter and program for activating a predetermined operation based on a value of the operational parameter, the signal reproducing apparatus comprising:

parameter storing means for storing the operational parameter; and

storage processing means for storing, in the storing means, the operational parameter included in the management information recorded on the DVD for each of the titles with the DVD placed therein;

wherein the means for activating operation activates an operation for rewriting the operational parameter stored in the storing means when one manipulation button is manipulated, and the program included in the management information activates a predetermined operation in accordance with a value of the operational parameter stored in the storing means.

Claim 8 (New): A signal reproducing apparatus according to claim 5 wherein the reproducing apparatus comprises an information display and display controlling means for showing on the information display a function indicated by function information when the function information is specified by the function specifying means.